Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 27 Jul 2023 until 23:59 on Friday 28 Jul 2023

Forecast Issued on Wednesday 26 Jul 2023 at 15:48

Confidence: High for the general outlook, though lower for the details of cloud breaks.

Headline for Thursday 27 Jul 2023: Early rain clearing to give some brightness.

Mountain weather hazards on Thursday 27 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Light rain	Light rain showers	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
90%	80%	70%	60%	40%	30%	10%	10%

Forecast for Thursday 27 Jul 2023

Weather: Murky with outbreaks of rain persisting and extensive low cloud at first, this slowly brightening up during the morning with rain becoming lighter and more showery, allowing a few sunny spells in the afternoon. Becoming generally dry by the evening.

Chance of cloud-free hill tops above 600m: 10% becoming 80% during the afternoon.

Low cloud and visibility: Generally poor visibility, and locally very poor at height initially, with widespread cloud above around 200-300m and some persistent rain and drizzle. Cloud slowly lifting and breaking into the afternoon, rising above summits with visibility becoming good outside of showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 27 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 S	17/23 SW	15/20 SW	18/24 W	21/28 W	18/25 W	14/20 W	11/15 W	9/13 SW
300	13/21 S	13/20 SW	11/16 SW	14/20 W	15/21 W	13/20 W	10/16 W	7/11 W	6/10 SW
Valley	7/18 S	8/17 SW	7/15 SW	10/20 W	12/21 W	11/21 W	9/17 W	4/10 W	3/9 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	13/10	14/11	14/11	14/11	15/12	14/12	13/11	13/11
300	14/12	15/13	15/14	16/14	16/14	18/15	17/16	16/15	15/14
Valley	15/14	15/14	15/15	16/14	17/15	19/17	18/17	16/16	15/16
Freezing Level*	3500m	3200m	3100m	3000m	3000m	2900m	2800m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor start to the day on the hills and appropriate waterproofs and poor visibility navigation skills are recommended if heading out early. Conditions becoming better into the afternoon and some locally high UV levels are possible in any brightness.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 26 Jul 2023	0.2mm	5.8mm	17.2mm

Forecast for Friday 28 Jul 2023

Weather: Rather cloudy to start but becoming brighter to give a breezy day with isolated, mostly light, showers

Maximum wind: South-westerly 15-20mph, gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 80% to start becoming 90% into the day.

Low cloud and visibility: Some patchy cloud above around 500-600m to start the day but these tending to lift and break through the morning to leave generally good visibility and cloud free tops outside of any light showers.

Temperature: **Valleys:** Plus 14 Celsius becoming Plus 18 Celsius.
At 600m: Plus 12 Celsius becoming Plus 16 Celsius.
Freezing level: Well above summits.

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